



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

647.7702
Job Sheet 181401



Part No: 647.7702

Job Qty: 12 ea

Part Name: Strut Assembly



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 7/26/18

Job Tracking No:

Due Date: 9/10/18

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG REV A2 IPP REV:A 12.11.01 NEW ISSUE DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup	Run	Workcenter / Supplier	Lead Time	
90	Start up Operation	12 Ea		9/10/18	0.00	0.00	Start Up Large Fab-1		DYC 18/10/16
120	Large Fab	12 pcs		9/10/18	0.00	4.94	Large Fab 4		DYC 18/10/16
130	QC	12 pcs		9/10/18	0.00	0.00	QC9		CL
140	QC	12 pcs		9/10/18	0.00	0.00	QC5		CL
150	Outsource	12 pcs		9/10/18			GRO002-VC	7	
160	Packaging	12 pcs		9/10/18	0.00	0.00	Packaging2		CL 0C 10/24 2018
170	QC	12 pcs		9/10/18	0.00	0.00	QC5		38
180	SprayPaint	12 pcs		9/10/18	0.00	0.93	Spray Paint		AS 18-11-19 DAS
190	QC	12 pcs		9/10/18	0.00	0.00	QC14		NOV 16 2018 68
200	Packaging	12 pcs		9/10/18	0.00	0.00	Packaging3-1		NOV 19 2018 9-89
210	QC21-SA	12 Ea		9/10/18	0.00	0.00	QC21		NOV 19 2018

Part Op 120 - 1- ASSEMBLE AND WELD AS PER DWG 0 ***IMPORTANT DIMENSION IS 11.60" ***

Descriptions: 150 - Issue P/O : _____ Group Altech CAD PLATE IAW QQ-P-416F CLASS I TYPE II note: cad plate should

not be too thick around tread

170 - INSPECT USING GO/NO GO GAUGE

180 - PRIOR TO PRIME MASK THREAD AND PRIME AS PER DWG PRIMER BATCH: 5094268

210 - PLEASE NOTE ON PO: Apply only Class 3 Cad to the threaded are only CAD PLATE SHOULD NOT BE TOO THICK AROUND THREAD

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
647.7711	Strut Tube	12 Ea (1 ea)	90-Start up Operation	5116827 (12)
647.7712	Strut Tube	12 Ea (1 ea)	90-Start up Operation	5043554 (12)
647.7713	Strut Thread	12 Ea (1 ea)	90-Start up Operation	5063803 (12)

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	647.7711	12	2	0
	647.7712	12	32	0
	647.7713	12	31	0

Part Specifications

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER :							
Misidentified ☐	Past Due ☐								

Specifications could not be found.

Plex 7/26/18 8:15 AM Dart.lajeunesse.marie



Container No: S118876



Part: 647.7702

Job No: 181401

Serial No/Batch: S118876

Revision:

Inspector:

Exp Date:

Instructions:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 10/16/18

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐							
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval			
Description Work Order Deviation				Disposition				Completed By			
Root Cause				FAULT CATEGORY							
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐		No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐		Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐		Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐		Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐	
OTHER :											



Dart Aerospace Ltd.
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K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO041372**

Supplier: GRO002-VC
Group Altech
2455 Halpern
St Laurent
QC
H4S 1N9 Canada
Phone: 514-335-3666
Fax: 514-335-3868

PO No: PO041372
PO Date: 10/18/18
Due Date: 10/24/18
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Phone:

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pynt Terms: Net 60
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	181401	647.7702	Strut Assembly Issue P/O : _____ Group Altech CAD PLATE IAW QQ-P-416F CLASS I TYPE II note: cad plate should not be too thick around tread	Firmed	-	10/24/18	12 pcs	0 pcs	12 pcs	\$6.00/pcs	\$72.00
						OCT 24 2018					
2	170485-C	647.7703	Strut Assembly Issue P/O : _____ Group Altech CAD PLATE IAW QQ-P-416F CLASS I TYPE II note: cad plate should not be too thick around tread	Firmed	-	10/24/18	15 pcs	0 pcs	15 pcs	\$6.00/pcs	\$90.00
						OCT 24 2018					
Grand Total:											\$162.00

Order Notes

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.



Certificat de Conformité / Certificate of Compliance

(013657-1)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
 Tel: 514-335-3666 Fax: 514-335-3868
 www.groupaltech.com

Bon de Livraison / Packing Slip

013657 - 1

Livré à / Ship to

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 BUYER:

Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courrier / Acc. No.	Bon de commande Client Customer Purchase Order No.				
23-Oct-2018		Aman		041372				
#Ligne Line#	No. de Série / # Pièce Part Number /Line Item Details Job # / Ref #	Description pièce(s)	CATG. U/M	Comm. /Ordered	Exp/ Shipped	Quantités / Quantities Qté NC/ NC Qty	Qté Scrap/	À venir/ Back Order
1	647.7702 ✓ Rev.	647.7702 CADMIUM IAW QQ-P-416F CLASS 1 TYPE II 0.0005" NOTE- CAD SHOULD NOT BE TOO THICK AROUND THREAD	CADMIUM CH	12	12 ✓	0	0	0
2	647-7703 ✓ Rev.	647-7703 CAD PLATE IAW QQ-P-416F CLASS 1 TYPE II NOTE- CAD SHOULD NOT BE TOO THICK AROUND THREAD	CADMIUM CH	15	15 ✓	0	0	0

DAS
38
9-89

Notes Additionnelles / Additional Notes

Epaisseur réelle
Actual Thickness

Inspecteur Qualité
Quality Inspector

Réçu par
Received By

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
 Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.
 Our financial and legal responsibility will not be higher than the amount of invoice.



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DART AEROSPACE LTD
 1270 ABERDEEN STREET
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 Tel.: 613-632-5200 Fax.:

Client / Customer:

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 BUYER:

Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courier / Acc. No.	Bon de commande Client Customer Purchase Order No.				
23-Oct-2018		Aman		041372				
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